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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/697,484	10/29/2003	Cynthia Kae Florkey	LUC-436/Florkey 11-4	7406

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EXAMINER

TRAN, CONGVAN

ART UNIT

PAPER NUMBER

2683

DATE MAILED: 07/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/697,484

Applicant(s)

FLORKEY ET AL.

Examiner

CongVan Tran

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1, 3-16, and 18-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Lin et al. (2003/0114154).

Regarding claims 1, 3-6, 10-16, and 19, Lin discloses a systems and methods for preventing unauthorized use of roaming numbers in a wireless telecommunication system comprising: an originating mobile switching center and a serving mobile switching center that serve to connect a call from a communication device to a mobile device that is supported by the serving mobile switching center (see fig.2, element 111, 231, 232, 120 and its description); wherein the mobile device is associated with an established telephone number (see fig.2, element 120, paragraphs [0021]-[0027], and its description), wherein the serving mobile switching center is associated with an identification number (see fig.2, element 232, 120 paragraphs [0021]-[0027], and its description); wherein the originating mobile switching center employs the identification number to connect the call with the serving mobile switching center (see fig.2, element 231, 232, paragraphs [0021]-[0027], and its description); wherein the serving mobile

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switching center employs the established telephone number to connect the call to the mobile device (see fig.2, elements 232, 111, paragraphs [0021]-[0027], and its description).

Regarding claims 7-9, 18, Lin further discloses serving mobile switching center is associated with a plurality of identification numbers, wherein the serving mobile switching center selects the identification number for the call from the plurality of identification numbers based on one or more characteristics of the call (see paragraph [0008] and [0023]).

Regarding claim 20, the one or more computer readable signal bearing media is reflected to the method and apparatus for providing in roaming communication system in claims 1, and 13, therefore, it is rejected for the same reasons set forth above.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 2 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lin et al. (2003/0114154) in view of Lantto et al. (5,537,457).

Regarding claims 2 and 17, Lin discloses all the subject matter described in rejected claim 1, except for connects the call to the roaming mobile device without allocation of a temporary roaming number for the roaming mobile device. However,

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Lantto disclose a method for handling calls to a non-registered mobile subscriber in a mobile telephone system comprises a roaming mobile device, wherein the serving mobile switching center connects the call to the roaming mobile device without allocation of a temporary roaming number for the roaming mobile device (see claim 1). Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to use Lantto's connects the call to the roaming mobile device without allocation of a temporary roaming number in order to handle calls to a non-registered terminal in a mobile telephone system or particularly in a system which operates without specific roaming numbers.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CongVan Tran whose telephone number is 571-272-7871. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached on 571-272-7872. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


CONGVAN TRAN
PRIMARY EXAMINER

CongVan Tran
Primary Examiner
Art Unit 2683

Jul. 20, 2005